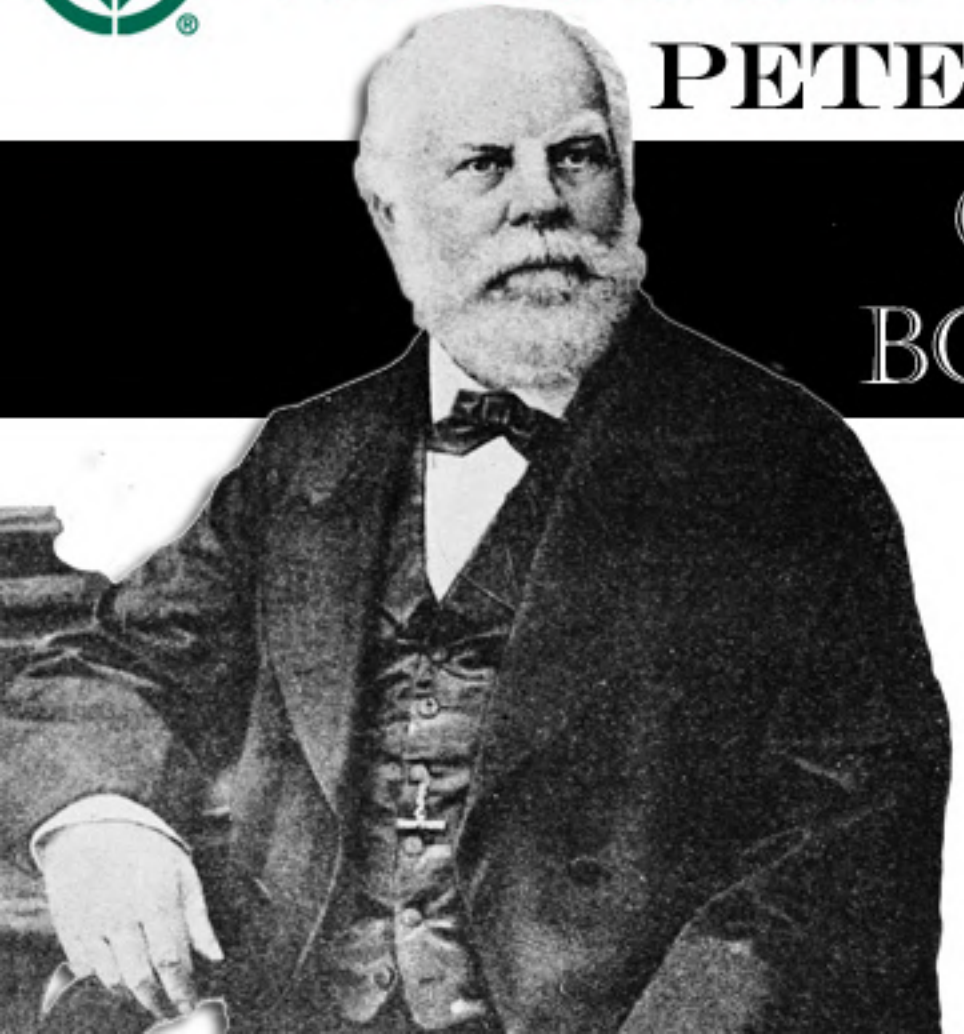
Missouri Botanical Garden

Peter H. Raven Library

George Engelmann Botanical Notebooks



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Ph. Jahrbücher 32-34

Steiger's Literarischer Monatsbericht.

Ein Seminarlehrer in Boppard hat mit der norddeutschen Regierung einen Vertrag abgeschlossen, nach welchem er die Leitung eines deutschen Schulinstituts in Japan übernehmen und somit ein Pionier der deutschen Cultur und des deutschen Geistes im fernen Osten werden will.

Dr. Leop. Kayssler, der Berichterstatter der Berliner Zeitungen, ist am 13. November in Orleans gefangen genommen worden.

Der bekannte Schriftsteller Fontane, der ebenfalls in französische Gefangenschaft gerathen war, ist bereits wieder nach Berlin zurückgekehrt.

Die Posener Gelehrtengesellschaft veröffentlicht einen Aufruf zur Copernicus-Feier am 19. Febr. 1873, dem 400. Geburtstage des grossen Astronomen. Aus Anlass dieser Feier ist von polnischer Seite ein Concurrenzausschreiben zur Abfassung einer Biographie des Copernicus erfolgt, in welcher nachgewiesen werden soll, dass derselbe ein Pole war.

Für den dritten internationalen medicinischen Congress zu Wien ist Prof. v. Rokitansky zum Präsidenten bestimmt worden.

Die Universität Leipzig feierte am 8. Januar das 50jährige Professorenjubiläum des Seniors der Universität, Prof. E. H. Weber, und des Seniors der Juristenfacultät, Dr. Gustav Hänel.

In Fulda am Geburtshause H. Königs soll von den Verehrern des verstorbenen Dichters eine Gedenktafel angebracht werden.

Nekrolog.

Karl Anschütz, Musikdirector, geboren in Coblenz im Februar 1813, † in New York den 30. December 1870. — Sein Vater, der das Talent des Knaben im Keime erkannte, scheute keine Mittel, demselben eine volle, harmonische Entwickelung zu gewähren. Nach einer tüchtigen musikalischen Ausbildung (Hummel und Schneider in Dessau waren seine Lehrer) wurde er zuerst preussischer Kapellmeister, ging dann als Director des Theaterorchesters nach Nürnberg und kam 1849 mit der deutschen Oper nach London. In England entwickelte er als Operndirigent eine grossartige Thätigkeit, bis ihn das Schicksal im Jahre 1857 nach Amerika führte. Hier in New York widmete er sich hauptsächlich der deutschen Oper und dem Gesangvereinswesen, wobei sein Auftreten überall von entschiedenem Erfolge begleitet war. Durch die aufreibende Thätigkeit eines Dirigenten hatte er sich ein organisches Leiden zugezogen, das keiner Heilung fähig war. Seine letzte Stellung war die eines Directors des nordöstlichen Sängerbundes.

Robert E. Lee, das militärische Haupt der Rebellion, † am 12. October in Lexington, Virg., 64 Jahre alt. Seine letzten Lebensjahre widmete er als Präsident des Washington College in Virginien der Erziehung der Jugend.

Friedrich Wilhelm Orban, Redacteur des in Milwaukee erscheinenden *Banner und Volksfreund*, † im November v. J. in Milwaukee, 55 Jahre alt. Er war in der Nähe von Schleusingen in der preussischen Provinz Sachsen geboren, hatte in Leipzig Philologie studirt und war als Achtundvierziger nach Amerika gekommen.

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Sebastian Seiler, † in New Orleans am 4. December v. J. im Alter von 55 ren; einer der ältesten und talentvollsten deutschen Journalisten in Amerika. D seine Wirksamkeit in der Pariser Februarrevolution war er zuerst bekannt gewor

Julian Bartoszewitz, bekannter polnischer Literarhistoriker und Geschicht scher, † in Warschau am 6. November v. J.

Dr. **Johann Nepomuk Berger**, gewesener österreichischer Minister, als ju scher Schriftsteller von Ruf, seiner Zeit einer der besten Redner des österreichis Reichsraths, † in Wien am 9. December.

Prof. Dr. **Gustav Bischof**, Director des chemischen Laboratoriums und des nologischen Cabinets an der Universität Bonn, als Chemiker und Geologe hoc dient, † am 30. November 1870, fast 79 Jahre alt.

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Dr. **Cornelius Bock**, Professor der Kunst- und Literaturgeschichte in Frei i. Br., † 18. October v. J.

Adolf Böttger, hervorragender deutscher Dichter, besonders bekannt durch Byron-Uebersetzung, † am 16. November in Gohlis bei Leipzig.

Joël Cherbuliez in Genf, Chef einer Buchhandlung und Schriftsteller, seit als 30 Jahren Leiter der literarischen Zeitschrift *Revue critique des livres veaux* und Verfasser von zahlreichen literarischen Arbeiten, † in Genf, 63 Jahre

Dr. juris **Leberecht Dreves** aus Hamburg, bekannt als Schriftsteller und Dic geb. am 12. December 1816 in Hamburg, † am 19. December 1870 in Feldkirc Vorarlberg.

Alexander Dumas, der bekannte Romanschriftsteller, † am 5. December in bei Dieppe im Alter von 67 Jahren.

Dr. **Ehrenfried Eichholtz**, früher Herausgeber und Redacteur der *Deuts Volkszeitung*, † in Hannover am 14. Januar, über 60 Jahre alt.

Dr. phil. **Friedrich Franke**, Rector der Landesschule in Meissen, bekan Pädagog und Hellenist, † am 23. Januar im 66. Jahre.

Bogumil Goltz, vorzüglicher Humorist, Verfasser von *Das Buch der Kind —Der Mensch und die Leute etc.*, ein sehr eigenartiger Schriftsteller, geb. an März 1801 in Warschau, † am 12. November in Thorn.

Eduard Heinrich Gummi, Buchhändler und Erfinder des ostindischen Pflan papiers, welches das "englische Pflaster" nahezu verdrängt hat, † in München 22. September 1870, 58 Jahre alt.

Dr. **Joseph Anton Henne**, Professor in St. Gallen, als Geschichtschrei Dichter und Volksredner bekannt, † in Haslen am 23. November, 72 Jahre alt.

Dr. **Albert Ferd. Hoffmann**, Bibliothekar in Königsberg, † daselbst im Dec ber v. J., im 46. Lebensjahre.

Prof. **Johann Peter Kreuser**, bekannter Philologe, geb. in Köln 1795, † ebe selbst am 18. October 1870.

Dr. **Karl Joseph Kreutzberg**, bekannt durch statistische u. nationalökonomis Schriften, 1849 Mitglied des Frankfurter Parlaments, † am 23. October v. J. in Pr

Dr. phil. **N. Kjärbölling**, Begründer des zoologischen Gartens in Kopenhage durch ein Prachtwerk über die Vögel der nordischen Länder in naturwissenschaf lichen Kreisen ehrenvoll bekannt, † daselbst Anfang Januar.

Aug. Heinrich Liebeskind, Buchhändler in Leipzig, † am 14. October 1870, 70 Jahre alt.

Dr. **August Meineke**, berühmter Philologe und Schriftsteller, emerit. Director des Joachimsthal'schen Gymnasiums in Berlin, am 8. December 1790 in Soest in Westphalen geboren, † am 13. December in Berlin.

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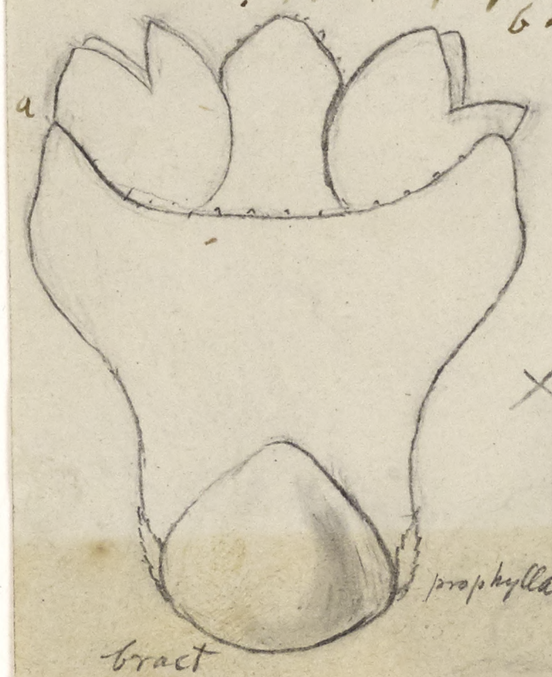
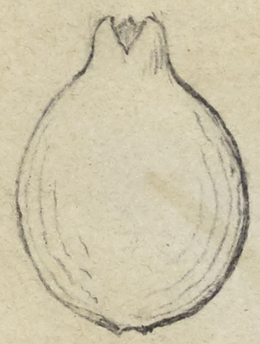
Rhododendron juniperinum
Virginia City Nevada
×60

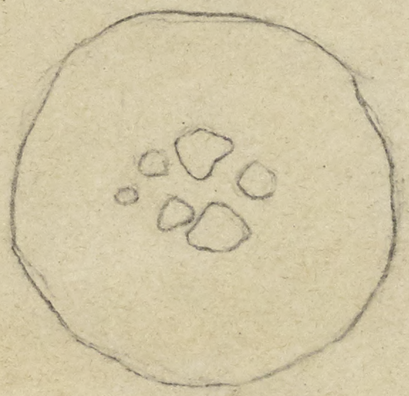
Nov 29 1871
H.J.B. ♀
"On Juniperus Cernosi-
ana"

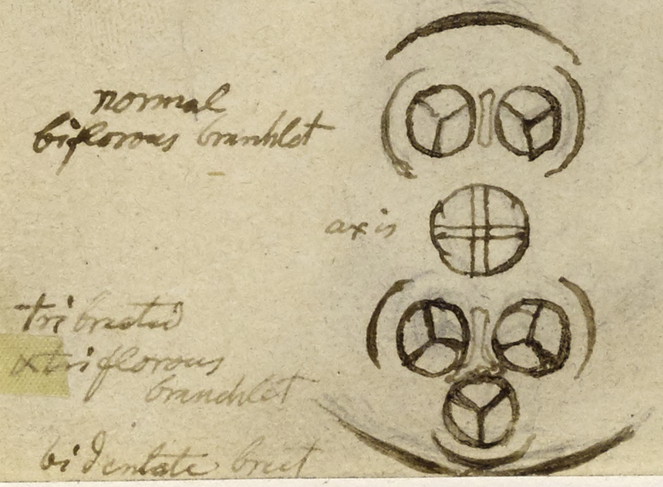


fringes of flower bearing cupula

fruit ×4







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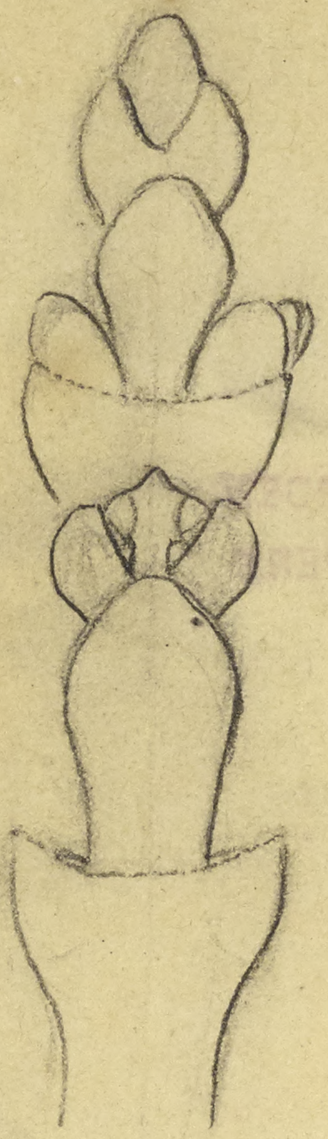
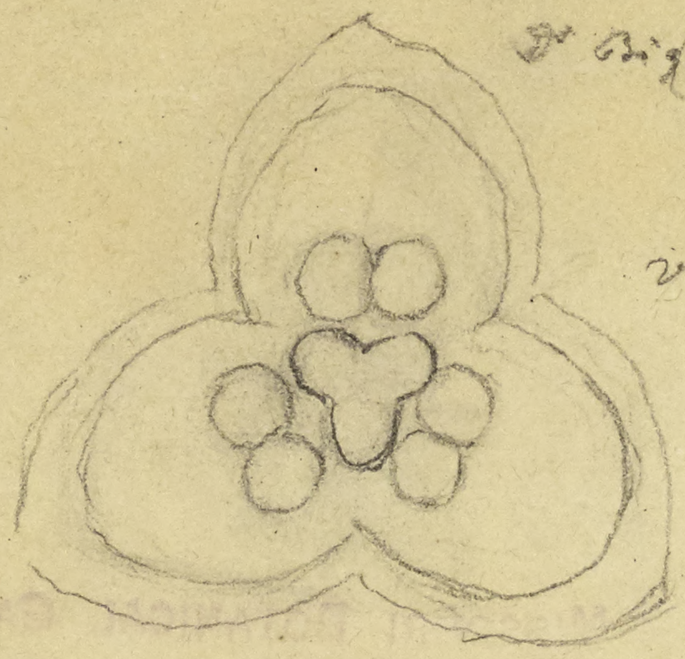
Phoradendron juniperinum ♂ Dec 2 1871

×4



Dr Bigelow 1854

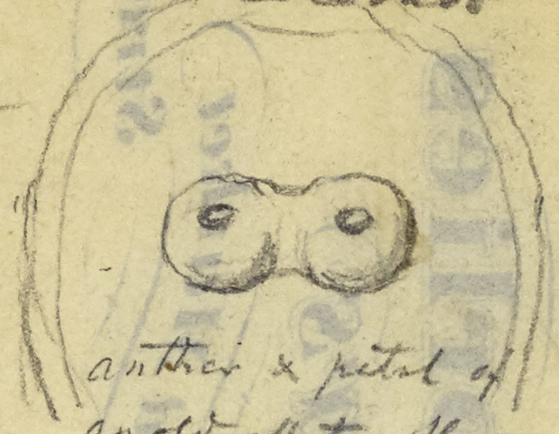


very young male flower bud

×30

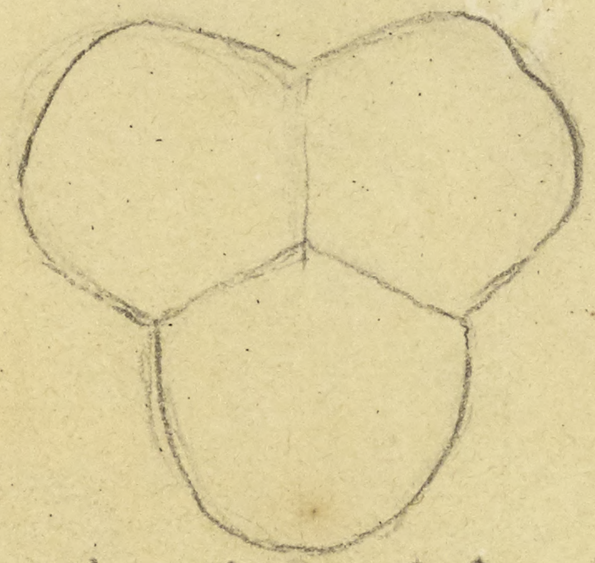
laid open

March 5 on Juniperus 50 miles west of the Colorado



×30

anther & petal of an old effete flower of last year



male flower bud very young, not circular!

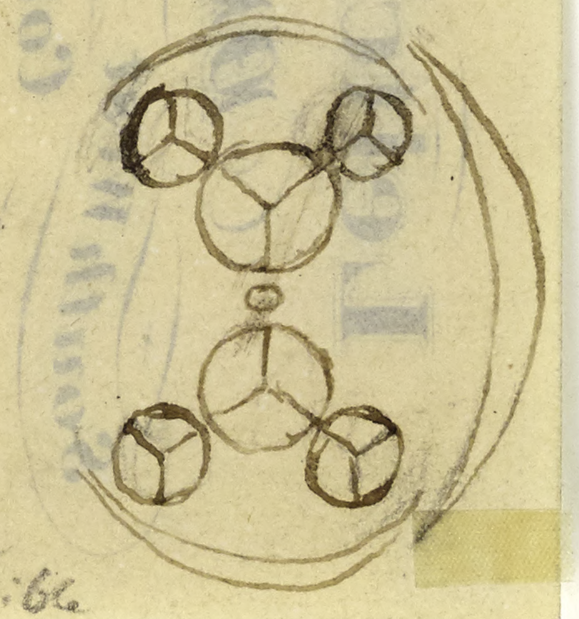
×30

male spike immature

×10

×10

front view of young male spike with 3 flowers visible



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Leitch & Corlies
DRUGGISTS
South West Corner Fifth and Market Streets.

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Thuj. juniperina—

Dr Bigelow Jan. 3 1854

Dec 3 1871

x4

albumen green
tough — embryo

alter Bruch

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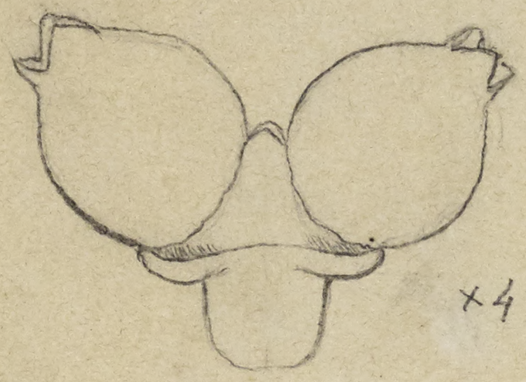
Phomd. juniperifolium

3 – 4 parted flowers

Mono Pass, Bolander, September 1866

Dec 1. 2. 1871



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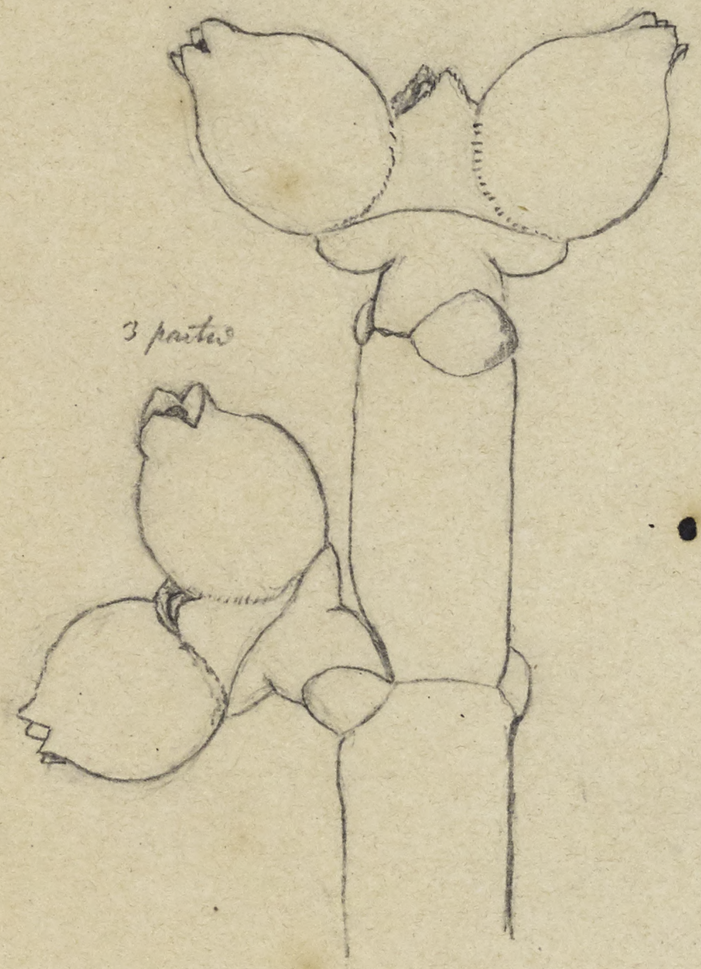
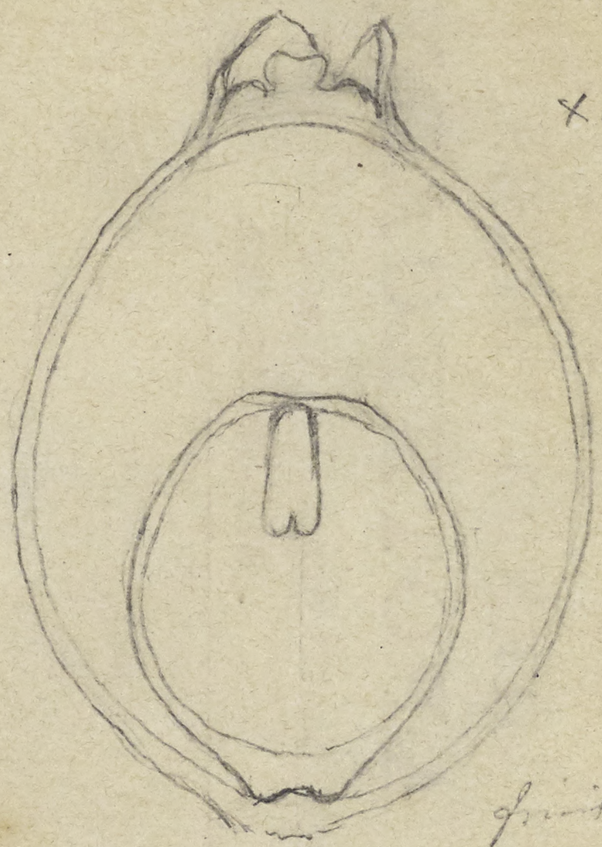


3 parted

♀



×10

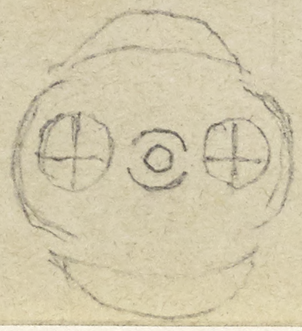
petals ½ position

prophylla

×10

Ovary

rare example of a terminal spike. In both spikes the terminal knob shows 2 lateral leaves and a terminal axis



fruit (not quite mature)

Head

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Phor. juniperi

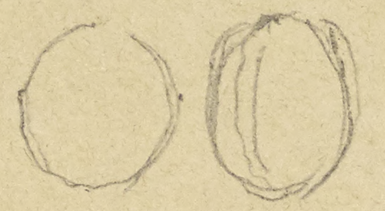
Apr 6 - 38

Acervulus Leg 1875

×4

×10

Oil ×415



0.026 mm

mile spike with
2 joints
2 × 3 flowers
& 2 × 1
very rare

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Geo. Engelmann, M. D.,

No. 3003 Locust Street.

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TWELVE SIGNS OF THE ZODIAC.

♈ *ARIES,* HEAD AND FACE.

GEMINI, THE ARMS. ♊

♉ *TAURUS,* THE NECK.

LEO, THE HEART. ♌

♋ *CANCER,* THE BREAST.

LIBRA, THE REINS. ♎

♍ *VIRGO,* THE BOWELS.

SAGITTARIUS, THE THIGHS. ♐

♏ *SCORPIO,* THE SECRETS.

AQUARIUS, THE LEGS. ♒

♑ *CAPRICORNUS,* THE KNEES.

♓ *PISCES,* THE FEET.

MOON'S PHASES.		Zodiacal Signs used in the Calendars.			SIGNS OF PLANETS.	
New Moon.	Full Moon.	Aries, or Ram.	Leo, or Lion.	Sagittarius, or Bowman.	♄ Saturn.	♀ Venus.
		Taurus, or Bull.	Virgo, or Virgin.	Capricornus, or Goat.	♃ Jupiter.	☿ Mercury.
		Gemini, or Twins.	Libra, or	Aquarius, or	♅ Uranus.	
		Cancer, or Crab-fish.	Scorpio, or Scorpion.	Pisces, or Fishes.	☉ Sun.	♆ Neptune.

A WORD TO ALL READERS.

DR. D. JAYNE'S FAMILY MEDICINES are compounded with great care, expressly for Family use, and in accordance with my original prescriptions, used during a long practice, without the most distant idea of extending them beyond those limits. In consequence, however, of the astonishing success attending their use in removing diseases, they became very popular, and were called for again and again, so that I found it necessary to prepare them in much larger quantities, in order to meet the constant demand. This demand has been continually increasing, until there is now scarcely a town or hamlet on this Continent in which they are not used to a greater or less extent.

I would remark, that I was a student in one of the best medical institutions in the United States, (the University of Pennsylvania,) and have now had over thirty-seven years' experience in an extensive and diversified practice, by which ample opportunities were afforded me of acquiring a knowledge of diseases, and the remedies best calculated to remove them.

The public have therefore a guarantee that the formulas of these medicines are based upon strictly scientific principles, by one thoroughly acquainted with the medical qualities and effects of each ingredient separately, and of their combined influence when chemically united—by one also having a knowledge of the structure of the human system, and of the functions of each organ, both in its healthy and diseased condition.

I can therefore recommend these preparations with the greatest confidence, being fully persuaded from past experience, that they will give very GENERAL, if not UNIVERSAL SATISFACTION; *but, at the same time, I do not pretend to assert, that they are* "CURE ALLS," *nor that they are in all cases, and under all circumstances, absolutely infallible.* Yet, I can truly say, I am unacquainted with any combination of medicines which have been so uniformly successful as these in removing the various diseases for which I have recommended them.

The use of these "Family Medicines" is not confined to the illiterate and credulous, for innumerable persons of intelligence and character, occupying the most prominent stations in society, too honest to impose upon others, and too sagacious to be imposed upon themselves, not only use, but recommend them in the highest terms of praise, for the uniformity of their success in subduing diseases. But discarding all other considerations, I, in conclusion, earnestly desire all to carefully read, examine, and determine for themselves the value of my assertions.

DAVID JAYNE, M. D.,

DECEMBER, 1865. **242 Chestnut Street, Philadelphia.**

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5583

DR. D. JAYNE'S EXPECTORANT.

ALL who have used this invaluable medicine for Asthma, Coughs, Spitting of Blood, Whooping Cough, Croup or Hives, Consumption, Pleurisy, Inflammation of the Lungs or Chest, Hoarseness, Pain and Soreness of the Breast, Difficulty of Breathing, and every other disease of the Lungs and Breast, attest its usefulness. Bronchitis, a disease which is annually sweeping thousands to a premature grave, under the mistaken name of Consumption, is always cured by it. It always cures Asthma—two or three large doses will cure the Croup or Hives in a few minutes. It immediately subdues the violence of Whooping Cough, and effects a speedy cure. Thousands who have been given up by their physicians as incurable with "Consumption," have been restored to perfect health by it.

It is one of the most prompt, safe and pleasant sudorifics or sweating medicines, and when given in the commencement of Inflammatory Fevers, Pleurisy, Inflammation of the Lungs, Catarrhal Affections, Pains in the Chest, Joints, Bones, or Muscles, Acute Rheumatism, &c., in doses large enough to cause a *slight nausea*, (the patient at the same time covering up warmly in bed, and drinking freely of cold water,) it will in a short time produce a profuse perspiration, which, if continued for two or three hours, will subdue those affections at once.

DIRECTIONS FOR USING JAYNE'S EXPECTORANT.

IN USING the Expectorant for **Coughs, Whooping Cough, Tightness of the Chest, Pain in the Breast, or Difficulty of Breathing**, it should be taken whenever the cough or pain, or tightness of the chest or throat, or the difficulty of breathing require its use, no matter at what time of day or night, and the dose repeated as often as each particular case may require, until the desired relief is obtained. Sometimes three or four doses a day may be sufficient, while at other times it may require eight, ten, or a dozen doses during the day and night.

FOR ADULTS, the usual dose is about two teaspoonsful.

FOR YOUTHS, from fourteen to twenty-one years old, from a teaspoonful and a third to two teaspoonsful.

FOR CHILDREN ten years old, one teaspoonful; seven years, forty drops; four years, thirty drops; three years, twenty drops; two years, fifteen drops: and one year old, from five to ten drops.

The above are only the AVERAGE DOSES, which ought to be varied to suit each individual case. Sometimes a less quantity will be sufficient, but very often large doses will be found necessary.

On an empty stomach, (before breakfast for instance,) less than the usual dose is required, otherwise nausea, or sick stomach will be produced; this although not injurious, but on the contrary often beneficial, is disagreeable, and to be avoided except when really necessary.

A nauseant principle is designedly introduced into the composition of this Expectorant, for a number of reasons:—

First, it detaches from the bronchial or wind-tubes, the mucus or matter which sometimes adheres to them; secondly, it mitigates the pain, and removes constriction of the bronchial tubes, and spasms of the muscles of the chest; thirdly, it arrests the progress of fever and inflammation; and lastly, it renders injurious effects from too large doses impossible, as the utmost harm it can do is to produce vomiting; and, consequently, all that is necessary in such cases is to take it in smaller quantities.

Persons using it will soon ascertain by experience the quantity necessary to produce the desired effect, (a suppression of the cough and an easy expectoration,) and that quantity which gives relief is the proper dose for them. As a general rule, the dose may be as large (or repeated at short intervals, if necessary,) as the stomach will bear without producing nausea. It may be mixed when taken, in more or less COLD WATER, according to the desire of the person using it.

☞ Drink as much cold water as you please.

Asthma.—In severe cases of Asthma, no definite quantity to be taken can be determined on beforehand, but the doses may be repeated at short intervals, until expectoration becomes easy, and the oppression in breathing becomes more or less removed. No larger quantity, however, should be given than is requisite to produce the desired effect, and the doses need not be repeated until required by the return of the cough, or difficulty of breathing. The bowels should be kept regular, and the body and feet dry and warmly clothed. The diet should be light, and less in quantity than when enjoying good health. The stomach should *never* be oppressed with food while laboring under this or any other disease of the lungs.

Bronchitis, yearly sweeps thousands to a premature grave, under the mistaken name of CONSUMPTION. Its symptoms are Cough, Soreness of the Lungs or Throat, Hoarseness, Difficulty of Breathing, Asthma, a Hectic Fever, a Spitting up of Phlegm or Matter, and sometimes Blood. It is an inflammation of the fine skin which lines the inside of the whole of the wind-tubes or air-vessels which run through every part of the lungs. This Expectorant suppresses the cough and pain, subdues the inflammation and fever, removes the difficulty of breathing, by producing a free and easy expectoration, so that a cure is usually very soon effected. When the THROAT is diseased, the gargle and the syringe, mentioned on page 4, should also be used.

Consumption and Consumptive Coughs.—In all cases of Consumption and Abscesses of the Lungs or Throat, as well as in Bronchitis of long standing, where the patient appears weak and exhausted, the Alterative should be used three times a day, according to the directions accompanying it, in conjunction with the Expectorant.

In the latter stages of Consumption and Bronchitis, or where hetic fever prevails, a light but nourishing diet should generally be given, and if the appetite should fail, a teaspoonful of my Tonic Vermifuge should be taken four or five times a day, mixed with a little cold water, and sweetened with loaf-sugar to please the taste. If Bowel Complaint should occur, it may usually be removed by the use of my Carminative Balsam. If the bowels should become costive, my Sanative Pills should be given every night, or every other night, at bedtime, in doses sufficient to produce one, and not more than two evacuations from the bowels.

It will be an advantage to persons laboring under *Chronic or Consumptive Coughs, or Difficulty of Breathing*, to carry a small quantity of Expectorant with them to their various vocations—taking it occasionally. Their cough will scarcely be felt, and they will be enabled to expectorate with the greatest facility, by which means the irritating matter will soon be removed, and a permanent cure effected. Consumptive patients generally require smaller doses of Expectorant than others.

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Phoradendron | Nov 3 '71

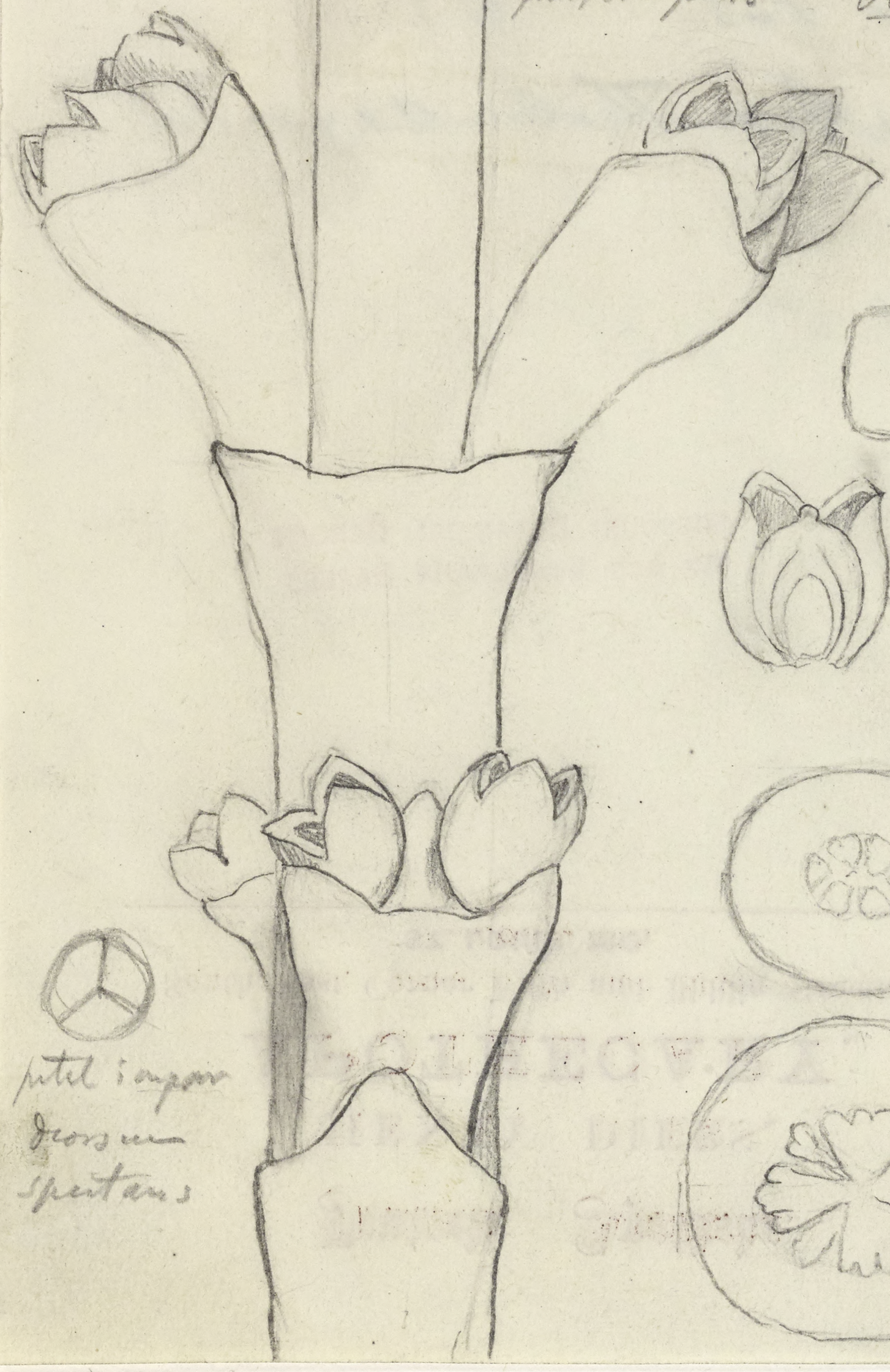
on Liboredrus &

Suffields Ranch Calif

D. Digelow

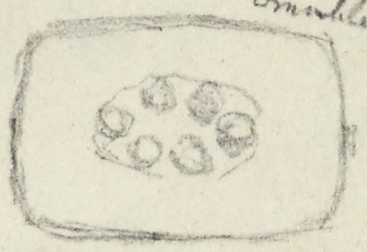
fem. fl. + fruits Cover

young branchlet with 2 very young flower buds (black dots)



X10

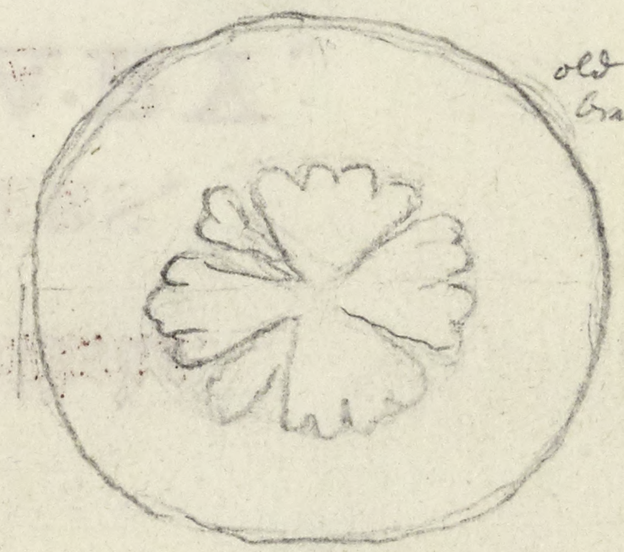
very young branchlet



seat of flower

old branch

petal in upper dorsum spectans



old branch

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

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copyright reserved
0 1 2 3 4 5 6 7 8 9 10 cm

5584

Deutsche Apotheke.

HENRY DIERS,

APOTHECARY,

South East Corner Fifth aud Biddle Streets,

ST. LOUIS. MO,

MISSOURI BOTANICAL GARDEN
PAPERS ENGELMANN GE

Rhododendron Liboedri Dec 29 1875

Sierra valley Cal.

J. G. Lemmon Nov 1875

more slender, thinner, flowers smaller than in *Rh. Jamesii* — see other diff.

x4

♀

x4

mature fruit

fem fl. in pairs, lateral

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GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
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Rhododendron Laboradi

May 9 1876

Peng mi 1877

young male spike

with 8 flowerbuds,

4 on each side

X10

ten fl. in pairs in each spike

male fl in pairs ... ...

(eight ?)

0 1 2 3 4 5 6 7 8 9 10
cm
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[illegible] PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
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Duffield's Ranch is (or was in 1854) some-
where in the foothills of the Sierras between
the Yuba & Tuolumne Rivers, probably
between Auburn and Mocerville

5587

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GEORGE ENGELMANN PAPERS

23d. Tares and short weights.

24th. Foreign immigration.